



PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/558,097
		Filing Date	November 23, 2005
		First Named Inventor	Jun-han KANG et al.
		Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	29137.114.00

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): *Assignment Recordation Cover Sheet together with Executed Assignment Document * Copy of Notice to File Missing Requirements
<div style="border: 1px solid black; padding: 5px; min-height: 50px;">         Remarks       </div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Mark R. Kresloff, Reg. No. 42,766 MCKENNA LONG & ALDRIDGE LLP
Signature	Yong (u.)
Date	December 8, 2006 <span style="margin-left: 50px;">hy n. 43, 324</span>



29137.114.00  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Jun-han KANG, et al.

Customer No.: 30827

Application No.: 10/558,097

Confirmation No.: TBA

Filed: November 23, 2005

Art Unit: TBA

For: HYDROCARBON STEAM CRACKING  
CATALYST, METHOD FOR PREPARING  
THE SAME AND METHOD FOR PREPARING  
LIGHT OLEFIN BY USING THE SAME

Examiner: TBA

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING REQUIREMENTS**

Sir:

In response to the Notice to File Missing Requirements mailed October 6, 2006, Applicant respectfully submits a copy of the Notice to File Missing Requirements, an Executed Declaration and Power of Attorney, and fees as set forth in the Notice.

In light of the foregoing, this application is deemed to be in proper condition for examination and favorable action is earnestly solicited.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time, or any other fees required to complete the

filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to Deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Dated: December 6, 2006

Respectfully submitted,

By  *Young cum*  
*12-10-43, 12-4*

**Mark R. Kresloff**

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Attorneys for Applicant



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
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RNR

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/558,097	Jun-han Kang	29137.114.00

30827  
MCKENNA LONG & ALDRIDGE LLP  
1900 K STREET, NW  
WASHINGTON, DC 20006

INTERNATIONAL APPLICATION NO.

PCT/KR04/01068

I.A. FILING DATE

05/07/2004

PRIORITY DATE

05/27/2003

CONFIRMATION NO. 6358

371 FORMALITIES LETTER



\*OC000000020728304\*

Date Mailed: 10/06/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 11/23/2005
- Copy of the International Search Report filed on 11/23/2005
- Preliminary Amendments filed on 11/23/2005
- Information Disclosure Statements filed on 11/23/2005
- U.S. Basic National Fees filed on 11/23/2005
- Priority Documents filed on 11/23/2005

<b>RECEIVED</b>	
OCT 11 2006	
DOCKETED BY: JM	
DUE DATE: 12/6/06 / Final: 5/6/07	
ATTORNEY CONFIRMATION:	
MCKENNA LONG & ALDRIDGE	

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

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**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/558,097	PCT/KR04/01068	29137.114.00

FORM PCT/DO/EO/905 (371 Formalities Notice)